How to linux orchestration:

STEP 1:

Create master and two minions in Azure

Write down:

IP & Hostname

STEP 2: Master

# Login master and create pull\_git.sh   
$ sudo nano /home/joostholwerda/pull\_git.sh

# manually copy script and paste in master: pull\_git.sh

# save, confirm

$ sudo chmod +x /home/joostholwerda/pull\_git.sh

$ sudo /home/joostholwerda/pull\_git.sh

# execute step2.sh

$ sudo chmod +x /home/Joostholwerda/git/linux-herkansing/scripts/step2.sh

$ sudo /home/Joostholwerda/git/linux-herkansing/scripts/step2.sh

STEP 3: Minions

# Install and configure Git

# Login minion and use pull\_git.sh to pull git on ubuntu master  
$ sudo nano /home/joostholwerda/pull\_git.sh

# manually copy script and paste in master pull\_git.sh

# save, confirm

$ sudo chmod +x /home/joostholwerda/pull\_git.sh

$ sudo /home/joostholwerda/pull\_git.sh

# execute step3.sh

$ sudo chmod +x /home/Joostholwerda/git/linux-herkansing/scripts/step3.sh

$ sudo /home/Joostholwerda/git/linux-herkansing/scripts/step3.sh

STEP 4:

# list salt keys

$ sudo salt-key -L

# Accept minion-keys on master - TWEE KEER

$ sudo salt-key --accept='hostname minion'

# quick test

$ sudo salt ‘\*’ test.ping

# push docker on minions from master

$ sudo chmod +x /home/joostholwerda/git/linux-herkansing/scripts/file\_transport\_docker\_salt.sh

$ sudo /home/joostholwerda/git/linux-herkansing/scripts/file\_transport\_docker\_salt.sh

# execute docker on minions

$ sudo salt ‘ubuntu-final-minion\*’ state.apply

# push wordpress on minion 1

$ sudo salt 'ubuntu-final-minion1' cmd.run ' docker run -d -p 80:80 wordpress'

STEP 5: Verification

Working monitoring?

Browse to: IP\_master/munin

Working loggin?

Nano to: /var/log/saved\_logs.log

Working wordpress?

Browse to: IP\_minion1